



Report No.: XM12020004B02

# BLUETOOTH PROFILE TEST REPORT

Issued to

Xingtel Xiamen Group Co., Ltd.

For

iPhone Complimate

Model Name : i-500  
Brand Name : iCreation  
Trade Name : iCreation  
Standard : Refer to BLUETOOTH PROFILE TEST REPORT  
item 4.2  
Test date : 2012.02.22-2011.03.13



Xiamen MORLAB Communication Technology Co., Ltd.

Tested by Zhang Min  
Zhang Min

Approved by Di Dehai  
Di Dehai

Review by Lin Liao Jing  
Lin Liao Jing

Date 2012.3.16

Date 2012.3.16

Date 2012.3.16



The report refers only to the sample tested and does not apply to the bulk. This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen MORLAB Communication Technology Co., Ltd. It may not be reproduced in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it, or a certified copy thereof prepared by the Shenzhen MORLAB Telecommunication Co., Ltd. to his customer. Supplier or others persons directly concerned. Shenzhen MORLAB Telecommunication Co., Ltd. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report. In the event of the improper use of the report, Shenzhen MORLAB Telecommunication Co., Ltd. reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

## Contents

<b>Contents</b> .....	<b>2</b>
<b>1 IDENTIFICATION SUMMARY</b> .....	<b>3</b>
1.1 Test Laboratory .....	3
<b>2 General Information</b> .....	<b>4</b>
2.1 Client .....	4
2.2 Manufacture.....	4
2.3 Implementation Under Test (IUT) .....	4
<b>3 Test Equipment</b> .....	<b>4</b>
<b>4 Test Results</b> .....	<b>5</b>
4.1 Test Environment/Conditions .....	5
4.2 Applied Reference Documents .....	5
4.3 Items used in the Test Results List.....	5
4.4 Test Results List.....	5
4.4.1 HFP 1.5 Profile .....	5
4.4.2 IOP Profile.....	7
<b>5 Test Procedure</b> .....	<b>7</b>
<b>Appendix A: Pre-Qualified Components</b> .....	<b>9</b>
<b>Appendix B: ICS/IXIT</b> .....	<b>9</b>
<b>Appendix C: Test Data</b> .....	<b>9</b>
<b>Appendix D: EUT Photo</b> .....	<b>10</b>

Change History		
Issue	Date	Reason for change
1.0	2012-03-13	First edition

# 1 IDENTIFICATION SUMMARY

## 1.1 Test Laboratory

<b>Name:</b>	Xiamen Morlab Communications Technology Co., Ltd.
<b>Address:</b>	Rm.101,#22,Guanri Road, Software Park ii ,Xiamen, P.R.C
<b>City:</b>	Xiamen
<b>Postal code:</b>	361008
<b>Country:</b>	P. R. China
<b>Telephone:</b>	+86 (0592) 5901309
<b>Fax:</b>	+86(0592)5901306
<b>URL:</b>	<a href="http://www.morlab.cn">www.morlab.cn</a>
<b>Contact person:</b>	Mr. Di Dehai
<b>e-mail:</b>	Dehai.di@morlab.cn

### Competences and guarantees:

The test results of this test report relate exclusively to the information specified in Appendix C. Xiamen Morlab Communications Technology Co.,Ltd. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the identification. The test report may only be reproduced or published in full. Reproduction or publications of extracts from the test report requires the prior written approval of Xiamen Morlab Communications Technology Co.,Ltd.. The test report shall be invalid without all the signatures of testing the Test Engineer, the Reviewer and the Test Lab Manager. Any objections must be raised to Morlab within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.

## 2 General Information

### 2.1 Client

<b>Name:</b>	Xingtel Xiamen Group Co., Ltd.
<b>Address:</b>	Xingtel Building, Chuangxin Road, Torch Hi-Tech Industrial District, Xiamen 361006, PR China

### 2.2 Manufacture

<b>Name:</b>	Xingtel Xiamen Group Co., Ltd.
<b>Address:</b>	Xingtel Building, Chuangxin Road, Torch Hi-Tech Industrial District, Xiamen 361006, PR China

### 2.3 Implementation Under Test (IUT)

<b>Hw version:</b>	V1.0
<b>Sw version:</b>	V1.0
<b>Description of IUT:</b>	The bluetooth headset with Iphone charger can connect to an iPhone with Bluetooth function, which enables you to make calls through cell phone lines
<b>Sampling method:</b>	Samples undergoing test have been selected by: the client

<b>Internal Control No.:</b>	<b>Element:</b>	<b>BT_ADD:</b>	<b>Date Of Reception:</b>
A01	1PCS	0015672569D5	2012.02.22

## 3 Test Equipment

<b>Description</b>	<b>Manufacturer</b>	<b>Cal Date</b>	<b>Cal Due</b>
IVT BlueSoliel	IVT	N/A	N/A
PTS	Bluetooth SIG	N/A	N/A

## 4 Test Results

### 4.1 Test Environment/Conditions

Nominal Temperature	25-30°C
Nominal Humidity	25% – 65%
Air Pressure:	980 ... 1020 hPa
Details of Power Supply:	220V/50Hz AC
Extreme Temperature:	Low Temperature (LT) = -10°C High Temperature (HT) = 55°C
Extreme Voltage of the EUT:	Normal Voltage (NV) = 3.80V Low Voltage (LV) = 3.60V High Voltage (HV) = 4.20V

### 4.2 Applied Reference Documents

The tests performed on the IUT are in compliance with the Bluetooth Wireless Technology Specification(s) below.

Description	Document Number
TCRL	TCRL_Profile_2011-1
Test Specification for HFP Profile	HFP.TS/1.6.0& Addendum to HFP.TS/1.5.11
Test Specification for HSP Profile	HSP.TS/1.1.6
Test Specification for IOP Profile	IOPT.TS/2.1.E.0

### 4.3 Items used in the Test Results List

Terms in the column “Verdict” for the test results list of the section 0:

Verdict	Description
PASS	Test case requirements were reviewed to be in conformance.
FAIL	Test case requirements were reviewed and not in conformance
Declaration	The required documentation is available in the client’s Compliance Folder
N/A	Test case requirements are not applicable.

### 4.4 Test Results List

#### 4.4.1 HFP 1.5 Profile

Test Case	Description	Cat.	Verdict
	Hands-Free Role		

TP/TCA/BV-04-I	Abandon call from HF	B	Pass
TP/ICA/BV-06-I	Accept an incoming voice call (AG)	B	Pass
TP/ICA/BV-01-I	Accept an incoming voice call (in-band ring)	B	Pass
TP/ICA/BV-02-I	Accept an incoming voice call (in-band ring) and Capability to change the in-band ring settings.	B	Pass
TP/ICA/BV-04-I	Accept an incoming voice call (no in-band ring)	B	Pass
TP/ATH/BV-05-I	AG initiated audio transfer to HF - No SLC	B	Pass
TP/OOR/BV-02-I	AG reconnects to HF, HF reconnects to AG	B	Pass
TP/OOR/BV-01-I	AG reconnects to HF, HF reconnects to AG	B	Pass
TP/ICA/BV-05-I	Audio connection establishment independent of call processing	B	Pass
TP/ATA/BV-01-I	Audio connection transfer to AG	B	Pass
TP/ATH/BV-03-I	Audio connection transfer to HF	B	Pass
TP/ACS/BI-13-I	Audio connections handling (IUT is an HF)	C	Pass
TP/ACS/BV-07-I	Audio connections handling (IUT is an HF)	C	Pass
TP/ACS/BV-12-I	Audio connections handling (IUT is an HF)	C	Pass
TC/ATH/BV-09-I	Audio transfer by powering ON HF	X	Pass
TP/ATH/BV-06-I	Audio transfer to HF - SLC	B	Pass
TP/CIT/BV-01-I	Call handling in non-regular situations: Normal incoming call process interrupted.	B	Pass
TP/ENO/BV-01-I	Echo Cancelling (EC) and Noise Reduction (NR) - EC/NR Off - AG supports EC/NR	B	Pass
TC/SDP/BV-03-C	Handle dynamic server channel number for HFP service	X	Pass
TC/ICA/BV-07-I	HF connects to AG during in-coming call	X	Pass
TC/DIS/BV-02-I	HF in non-connectable in non-discoverable mode	X	Pass
TP/ATH/BV-04-I	HF initiated audio connection transfer to HF - SLC	B	Pass
TP/ACS/BV-03-I	HF is IUT, AG Initiated, AG is SCO only	B	Pass
TC/OCA/BV-01-I	Outgoing call by dialing number on the AG	X	Pass
TP/TCA/BV-01-I	Phone status information: Transfer of call status	B	Pass
TP/TCA/BV-02-I	Phone status information: Transfer of call status	B	Pass
TP/TCA/BV-03-I	Phone status information: Transfer of call status	B	Pass
TP/TRS/BV-01-I	Phone status information: Transfer of registration status	B	Pass
TP/ICR/BV-01-I	Reject an incoming call	B	Pass
TP/ICR/BV-02-I	Reject an incoming call	B	Pass
TP/RSV/BV-02-I	Remote audio volume control - speaker	B	Pass
TP/RSV/BV-03-I	Remote audio volume control - speaker	B	Pass
TC /SDP/BV-02-C	Respond to SDP request during SLC	X	Pass
TP/SDP/BV-01-I	Service Discovery	D	Pass
TP/SLC/BV-01-C	SLC establishment with Three Way Calling	B	Pass
TP/SLC/BV-02-C	SLC establishment with Three Way Calling	B	Pass
TP/DIS/BV-01-I	SLC establishment without Three Way calling	B	Pass

TP/SLC/BV-03-C	SLC establishment without Three Way calling	B	Pass
TP/SLC/BV-04-C	SLC establishment without Three Way calling	B	Pass
TP/TWC/BV-02-I	Three Way Calling - Drop Active/Swap Calls	B	Pass
TP/TWC/BV-03-I	Three Way Calling - Drop Active/Swap Calls	B	Pass
TP/VRA/BV-02-I	Voice recognition activation by AG	B	Pass
TP/VRA/BV-01-I	Voice recognition activation by HF	B	Pass
TC/VRA/BV-03-I	Voice Recognition Activation HF	X	Pass
TP/VRD/BV-01-I	Voice recognition deactivation	B	Pass

#### 4.4.2 HSP Profile

Test Case	Description	Cat.	Verdict
Headset role			
TP/ACR/BV-02-I	Audio connection release from AG	B	Pass
TP/ACR/BV-01-I	Audio connection release from HS	B	Pass
TP/ACT/BV-01-I	Audio connection transfer: AG to HS	B	Pass
TP/ACT/BV-02-I	Audio connection transfer: HS to AG	B	Pass
TP/IAC/BV-02-I	Inband ring tone	B	Pass
TP/IAC/BV-01-I	Incoming audio connection establishment	B	Pass
TP/OAC/BV-01-I	Outgoing audio connection establishment	B	Pass

#### 4.4.3 IOP Profile

Test Case	Description	Cat.	Verdict
Interoperability Mapping Role			
TP/COD/BV-01-I	Class of Device	B	Pass
TP/SDR/BV-04-I	SDP Client (Service Search - Response)	C	Pass
TP/SDAS/BV-03-I	Service Record (Service Discovery - Service Search, Service Search - Attribute Search)	B	Pass
TP/SDSS/BV-02-I	Service Record (Service Discovery - Service Search, Service Search - Attribute Search)	B	Pass

## 5 Test Procedure

The test procedure followed for the test cases is in compliance with the applicable test specification. Interoperability testing setup is shown below:



**Figure 1: Test set up for HFP1.5 Profiles (Hands-Free Role)**



**Figure 2: Test set up for HSP Profiles (Headset Role Role)**



**Figure 3: Test set up for IOP Profiles**



## **Appendix A: Pre-Qualified Components**

1. QDID: B013295: UnifiedStack2.1EDR, Cambridge Silicon Radio
2. QDID: B015326: BC6130 QFN Mono Headset, Cambridge Silicon Radio

The supported protocols/profiles of the Pre-Qualified Components are described below:

Radio (RF)
Base Band (BB) – Conformance Protocol
Link Manager (LM) – Conformance Protocol
Host Controller Interface(HCI)
Logical Link Control and Adaptation Protocol (L2CAP)
Service Discovery Protocol (SDP)
RFCOMM Protocol
Generic Access Profile (GAP)
Serial Port Profile (SPP)

## **Appendix B: ICS/IXIT**

Please reference the compliance folder for complete details. Xiamen Morlab Communications Technology Co.,Ltd., retains a copy of the data.

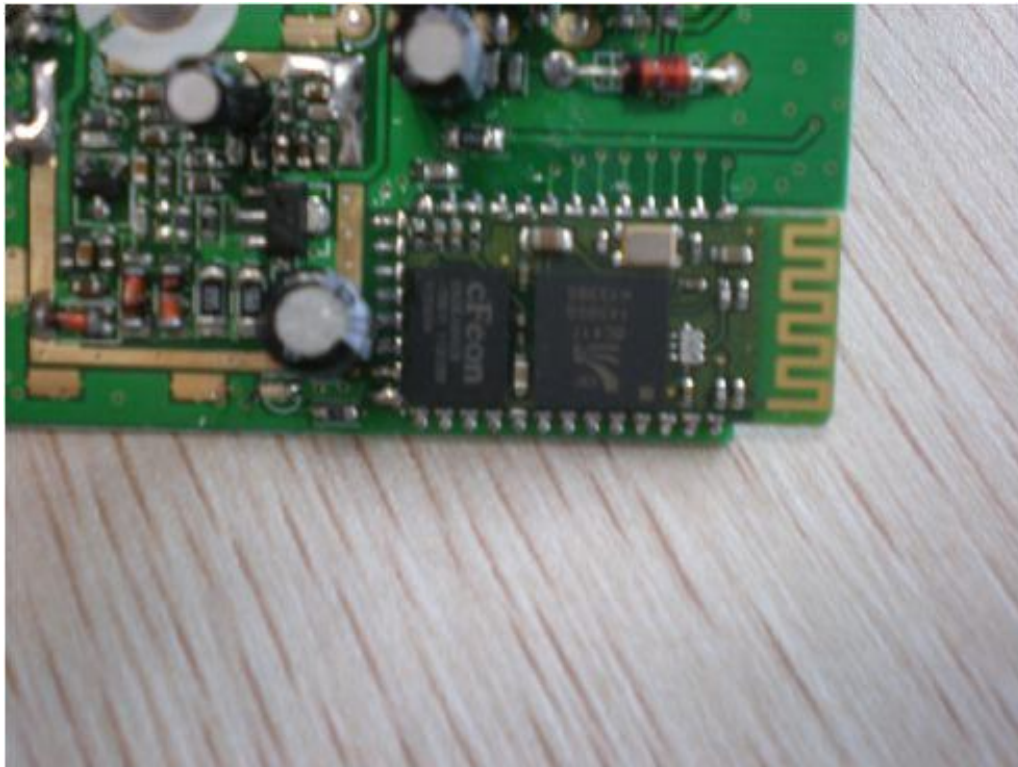
## **Appendix C: Test Data**

1. Test Data for Interoperability Testing: XM12020004B02\_Evidence.zip

## Appendix D: EUT Photo







=====END of report=====